REMARKS

Favorable reconsideration of the application is respectfully requested in light of the amendments and remarks herein.

By this amendment, claims 1, 3, and 7-9 have been amended, and new claims 10-15 have been added. Upon entry of this amendment, claims 1-15 will be pending.

Objections to the Specification

In Section 2 of the Office Action, the Examiner has objected to the Title. As noted above, the title has been amended, thereby obviating this objection. Accordingly, it is respectfully requested that this objection be withdrawn.

§102 Rejections

In Section 4 of the Office Action, the Examiner has rejected claims 1-9 under 35 U.S.C. §102(e) as being anticipated by Sugiyama et al. (U.S. Patent 5,923,486; hereinafter referred to as "Sugiyama"). It is respectfully submitted that Sugiyama, as relied upon by the Examiner, does not disclose or suggest claims 1-9.

Claim 1 of the present application calls for:

1. (Currently Amended) A reproducing apparatus comprising:
means for reading a signal written on a recording medium;
means for extracting signal processing program information written on the recording medium;
means for installing the signal processing program information to a signal processor; and
means for processing the signal read from the recording medium based on the signal processing program information.

Accordingly, the reading means reads a signal from the recording medium. The extracting means extracts signal processing program information from the recording medium.

The installing means installs the extracted signal processing program information to a signal processor. The processing means uses the signal processing program information installed in the signal processor to process the signal read by the reading means. Therefore, the reproducing apparatus reads a signal from the recording medium and extracts and installs signal processing program information from the recording medium to process that signal. Both the signal to be reproduced and the signal processing program information for processing the signal are read in to the reproducing apparatus.

The portions of Sugiyama referenced by the Examiner do not appear to specifically disclose or suggest claim 1. In particular, Sugiyama as relied upon by the Examiner does not appear to specifically disclose or suggest extracting and installing signal processing program information from a recording medium to process a signal read from the recording medium, as called for in claim 1. It does not appear that the Examiner has described how Sugiyama specifically addresses extracting and installing signal processing program information, as called for in claim 1. The portions of Sugiyama referenced by the Examiner appear to address protective information for controlling reproduction and copying (Sugiyama at column 8, lines 13-29, and column 11, lines 1-14). However, it does not appear that this protective information specifically discloses program information installed to a signal processor and used to process a signal read from a recording medium, as called for in claim 1.

Therefore, the portions of Sugiyama referenced by the Examiner do not appear to specifically disclose or suggest claim 1. Accordingly, it is respectfully submitted that Sugiyama, as relied upon by the Examiner, does not anticipate or suggest claim 1, and so also does not anticipate or suggest claims 2 and 10 that depend therefrom. Similar arguments apply to claims 3-9 and 11-15.

Based upon the foregoing, it is submitted that claims 1-9 are not anticipated by nor rendered obvious by the teachings of Sugiyama as relied upon by the Examiner. Accordingly, it is submitted that the Examiner's rejection of claims 1-9 based upon 35 U.S.C. §102(e) has been overcome by the present remarks and withdrawal thereof is respectfully requested.

New claims

New claims 10-15 have been added.

Claim 10 calls for the reproducing apparatus as set forth in claim 1, wherein the signal processing program information includes an executable program, and the processing means uses the executable program to process and decode the signal read from the recording medium. It does not appear that Sugiyama, as relied upon by the Examiner in the rejection of claims 1-9 in Section 4 of the Office Action, specifically addresses signal processing program information that includes an executable program as called for in claim 10. Therefore, it is respectfully submitted that Sugiyama, as relied upon by the Examiner in the rejection of claims 1-9 in Section 4 of the Office Action, does not disclose or suggest claim 10.

Similar arguments apply to claims 11-15.

Conclusion

In view of the foregoing, entry of this amendment, and the allowance of this application with claims 1-15 is respectfully solicited.

In regard to the claims amended herein and throughout the prosecution of this application, it is submitted that these claims, as originally presented, are patentably distinct over the prior art of record, and that these claims were in full compliance with the requirements of 35 U.S.C. §112. Changes to these claims, as presented herein, are not made for the purpose of

patentability within the meaning of 35 U.S.C. §§101, 102, 103 or 112. Rather, these changes are made simply for clarification and to round out the scope of protection to which Applicants are entitled.

In the event that additional cooperation in this case may be helpful to complete its prosecution, the Examiner is cordially invited to contact Applicants' representative at the telephone number written below.
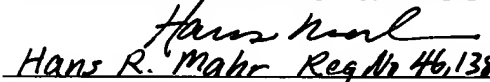
The Commissioner is hereby authorized to charge any insufficient fees or credit any overpayment associated with the above-identified application to Deposit Account 50-0320.

Attached hereto is a marked-up version of the changes made to the specification by the current amendment. The attached page is captioned "**Version with Markings to Show Changes Made.**"

Respectfully submitted,

FROMMER LAWRENCE & HAUG LLP

By: _Hans R. Mahr   Reg No. 46,138 for_
William S. Frommer
Reg. No. 25,506
(212) 588-0800

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE TITLE:

The title has been rewritten as follows:

--RECORDING AND/OR REPRODUCING APPARATUS USING SIGNAL

PROCESSING PROGRAM INFORMATION--

IN THE CLAIMS:

As shown below, claims 1, 3, and 7-9 have been rewritten, and new claims 10-15 have

been added.

1. (Currently Amended) A reproducing apparatus comprising:

means for reading a signal written on a recording medium;

means for extracting signal processing program information written on the recording

medium; ~~and~~

means for installing the signal processing program information to a signal processor; and

means for processing the signal read from the recording medium based on the signal

processing program information.

2. (Original) The reproducing apparatus as set forth in Claim 1, wherein the extracting

means extracts the signal processing program information written on the recording medium

repeatedly.

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3. (Currently Amended) A reproducing apparatus comprising:

means for reading a signal written on a recording medium;

means for reading signal processing program information from means for storing the

signal processing program information, the storing means being attached to the recording

medium; ~~and~~

<u>means for installing the signal processing program information to a signal processor; and</u>

means for processing the signal read from the recording medium based on the signal

processing program information.

4. (Original) A recording apparatus comprising:

means for processing an input signal;

means for generating signal processing program information which inversely processes

the processed input signal; and

means for writing to a recording medium the processed input signal and the signal

processing program information.

5. (Original) The recording apparatus as set forth in Claim 4, wherein the writing means

writes the signal processing program information on the recording medium repeatedly.

6. (Original) A recording apparatus comprising:

means for processing an input signal;

means for generating signal processing program information which inversely processes

the processed input signal;

means for writing the processed input signal to a recording medium; and

means for writing the signal processing program information to storing means attached to the recording medium.

7. (Currently Amended) A ~~recoding~~recording/reproducing apparatus comprising:

a first means for processing an input signal;

means for generating signal processing program information which inversely processes the processed input signal;

means for writing to a recording medium the input signal processed by the first signal processing means and the signal processing program information;

means for reading a signal written on the recording medium;

means for extracting the signal processing program information written on the recording medium; ~~and~~

means for installing the extracted signal processing program information to a signal processor; and

a second means for processing the signal read from the recording medium based on the extracted signal processing program information.

8. (Currently Amended) The ~~recoding~~recording/reproducing apparatus as set forth in Claim 7, wherein

the writing means writes the signal processing program information on the recording medium repeatedly, and

the extracting means extracts the signal processing program information written on the recording medium repeatedly.

9. (Currently Amended) A ~~recoding~~recording/reproducing apparatus comprising:

a first means for processing an input signal;

means for generating signal processing program information which inversely processes the processed input signal;

means for writing the input signal processed by the first signal processing means to a recording medium;

means for writing the signal processing program information to storing means attached to the recording medium;

means for reading a signal written on the recording medium;

means for reading the signal processing program information from means for storing the signal processing program information, the storing means being attached to the recording medium; ~~and~~

means for installing the read signal processing program information to a signal processor; and

a second means for processing the signal read from the recording medium based on the read signal processing program information.

10. (New) The reproducing apparatus as set forth in Claim 1, wherein the signal processing program information includes an executable program, and the processing means uses the executable program to process and decode the signal read from the recording medium.

11. (New) The reproducing apparatus as set forth in Claim 3, wherein the signal processing program information includes an executable program, and the processing means uses the executable program to process and decode the signal read from the recording medium.

12. (New) The recording apparatus as set forth in Claim 4, wherein the signal processing program information includes an executable program for processing and decoding the processed input signal after reading the processed input signal from the recording medium.

13. (New) The recording apparatus as set forth in Claim 6, wherein the signal processing program information includes an executable program for processing and decoding the processed input signal after reading the processed input signal from the recording medium.

14. (New) The recording/reproducing apparatus as set forth in Claim 7, wherein the signal processing program information includes an executable program, and the second processing means uses the executable program to process and decode the signal read from the recording medium.

15. (New) The recording/reproducing apparatus as set forth in Claim 9, wherein the signal processing program information includes an executable program, and the second processing means uses the executable program to process and decode the signal read from the recording medium.

END AMENDMENT # #